



Durable HVAC Solutions

airpure

500 | 1000 | 1500 | 3000 | 4500



Smart Innovative Technology

breathe in air that is clean and healthy!



dust/pollen



bacterium



mold/fungus



cigarette/smoke



microbe



virus

WHAT IS AIR PURE FOR ?

ATC AirPure units are specially designed for cleaning and purifications of indoor air.

PERFECT FOR

- ✿ Crowd Premises
- ✿ Light & Heavy Industries
- ✿ Educational Institutions
- ✿ Pharmaceutical And Healthcare



Smart innovative range of ATC AirPure units are ideal for direct use in the premises being purified. Thanks to the ATC's filtration technology and unique vertical design of the UVc Germicidal Lamps, ATC AirPure is the perfect solution to stop spread of viruses and bacteria likes Covid-19 in any closed areas with high occupancy.



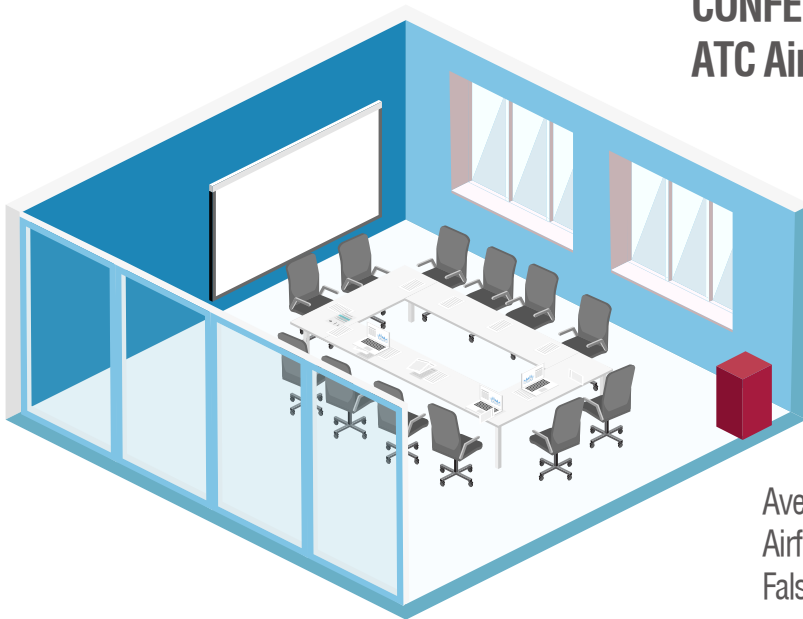
KEY FEATURES

- ✿ Efficient
- ✿ Silent
- ✿ Compact & Mobile
- ✿ Smart & Easy (User Friendly)



HOW TO USE AND POSITION THE ATC AirPure IN YOUR PREMISES

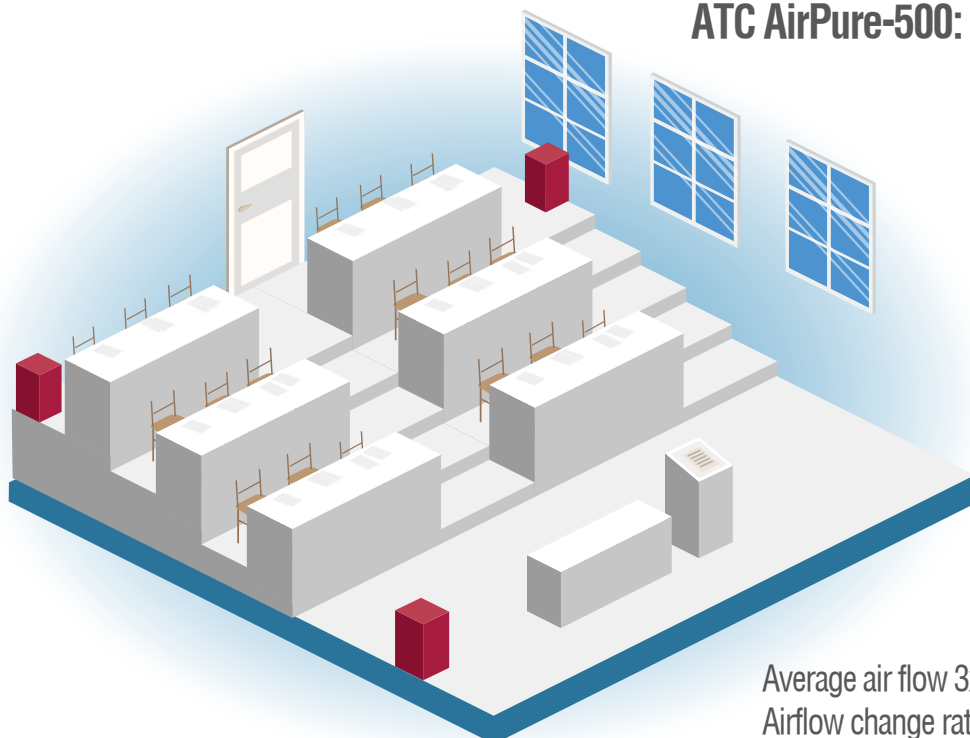
CONFERENCE ROOM, 50 m²
ATC AirPure-1000: 1 unit



Average air flow 1000 m³/h
 Airflow change rate 7 vol/h
 False ceiling height 3 m



SCHOOL CLASS 100 m²
ATC AirPure-500: 3 unit



Average air flow 3x500 m³/h
 Airflow change rate ± 5 vol/h
 False ceiling height 3 m



General Features

Features

- Plug & Play
- Durable with the robust body,
- Maximized purification with UVc Lamps and AL reflectors
- Quiet comfort zones with special designed silencers
- High Efficient EC Plug Fans, 200-230 V / 50 or 60 Hz (Standard 50 Hz)
- Easy filter replacement and maintenance
- Multiside air intake for max particule filtration
- Mobile with the base wheels

Filters

- G4 Pre-filter
- Active Carbon Filter
- H14 Hepa Filter for the final stage filtering
- H13 Hepa and F9 Panel filters as an option for the final filter

Control Panel

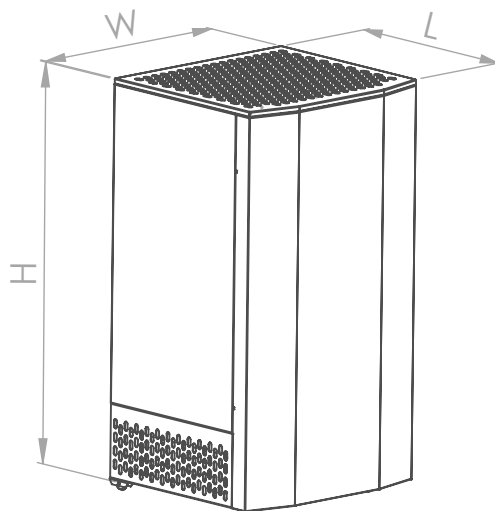
- Proportional Fan Control
- Dirty filter indicator
- Manuel or Auto Mode for UVc Air filtration
- UVc lamp & fan integrated operation (in Auto mode)
- Door Switch Protection
- Portable controller for remote control
- Room Temperature Indicator



Technical Characteristics

Model	AP-500	AP-1000	AP-1500	AP-3000	AP-4500
Air Flow (m³/h)	50-500	100-1000	150-1500	300-3000	450-4500
Static Pressure (Pa)	0	0	0	0	0
Sound Level dB(A)	39-57	41-59	43-62	46-67	46-72
Power Supply (V / Hz / Ph)	230V-50Hz-1Ph	230V-50Hz-1Ph	230V-50Hz-1Ph	230V-50Hz-1Ph	230V-50Hz-1Ph
Total Current (A)	2.3	3.8	5.4	7.4	9.2
Fan Power (W)	85	170	315	520	765
Fan Current (A)	0.7	1.4	2.2	2.6	2.8
Filter	G4+Activated Carbon+ H14 Hepa Filter	G4+Activated Carbon+ H14 Hepa Filter	G4+Activated Carbon+ H14 Hepa Filter	G4+Activated Carbon+ H14 Hepa Filter	G4+Activated Carbon+ H14 Hepa Filter
Optional Filter	F9 or H13 Hepa Filter	F9 or H13 Hepa Filter	F9 or H13 Hepa Filter	F9 or H13 Hepa Filter	F9 or H13 Hepa Filter
UV-C Lamp (qty)	2	3	4	6	8
UV-C Lamp Current (A)	1.6	2.4	3.2	4.8	6.4
UV-C Lamp Power (W)	190	285	380	570	760
UV-C Radiation at 100hr (W)	54	81	108	162	216
CADR (Clean Air Delivery Rate)	499	999	1499	2998	4497

Dimensions



Model	AP-500	AP-1000	AP-1500	AP-3000	AP-4500
Width (mm)	590	590	590	750	750
Length (mm)	550	550	550	700	700
Height (mm)	1100	1100	1100	1100	1100
Weight (kg)	92	102	110	136	145

FILTRATION TECHNOLOGY AND UNIQUE VERTICAL DESIGN OF THE UVC GERMICIDAL LAMPS

make ATC AirPure efficient and one of the best solution to combat airborne transmission of viruses and bacteria

G4 Panel Filter



- EN 779 compliant G4 panel filter for the pre-filtering stage
- Efficiency Coarse %55 according to the ISO16890
- 100% hot deep galvanized frame
- Replaceable synthetic media
- High dust holding capacity at low resistance

Active Carbon Filter



- Active Carbon Filter helps to absorption of odour and toxic gaseous substances. It filters the air from bad odors such as cigarette smoke, food odors, hydrocarbons, organics and other compounds.

F9 Panel Filter



- EN 779 compliant F9 panel filter for the final stage filtering
- Epm1 85% according to the ISO16890
- Galvanized frame, high quality glass fibre media
- Replaceable synthetic media
- F9 filter is used to remove air contamination such as fine dust, smoke, vapour, soot, pollen, bacteria, etc.

H13-H14 Hepa Filter



- EN 1822 compliant H13 or H14 High-efficiency Hepa Filter as an option for the final stage filtering
- H13 filter; 99.95% efficiency according to EN 1822:2010
- H14 filter; 99.995% efficiency according to EN 1822:2010
- Galvanised frame, high quality glass micro fiber media
- Replaceable synthetic media
- Leak-proof guaranteed
- Hepa filter is used to filter particles larger than 0.3 micron, germs, bacterial mold, dust, allergens and a number of viruses.

UVC Germicidal Lamps

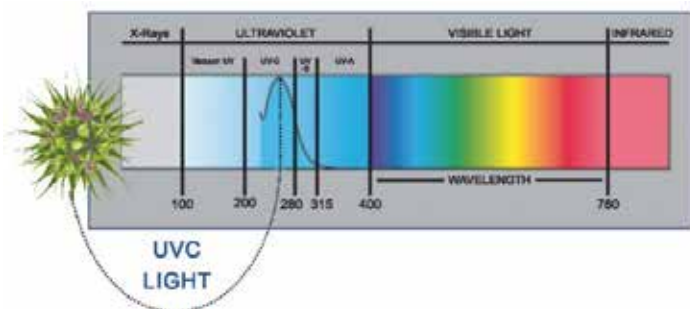
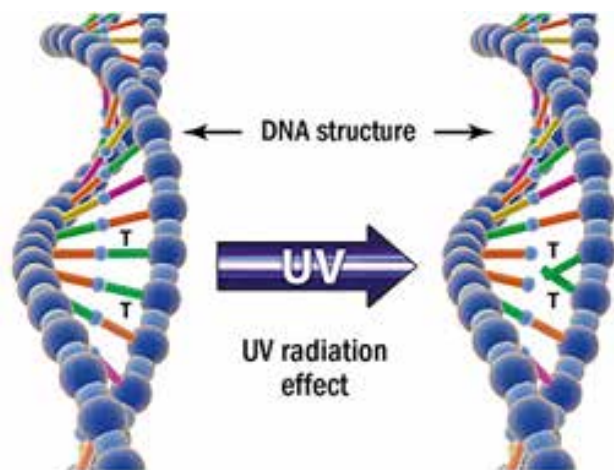
Effective Use of Uvc Lamps

Ozone (O₃) free, harmless to human beings and animals
 Long air contact time for more purification
 High irradiance rate and longer lamp life with aluminum reflectors.

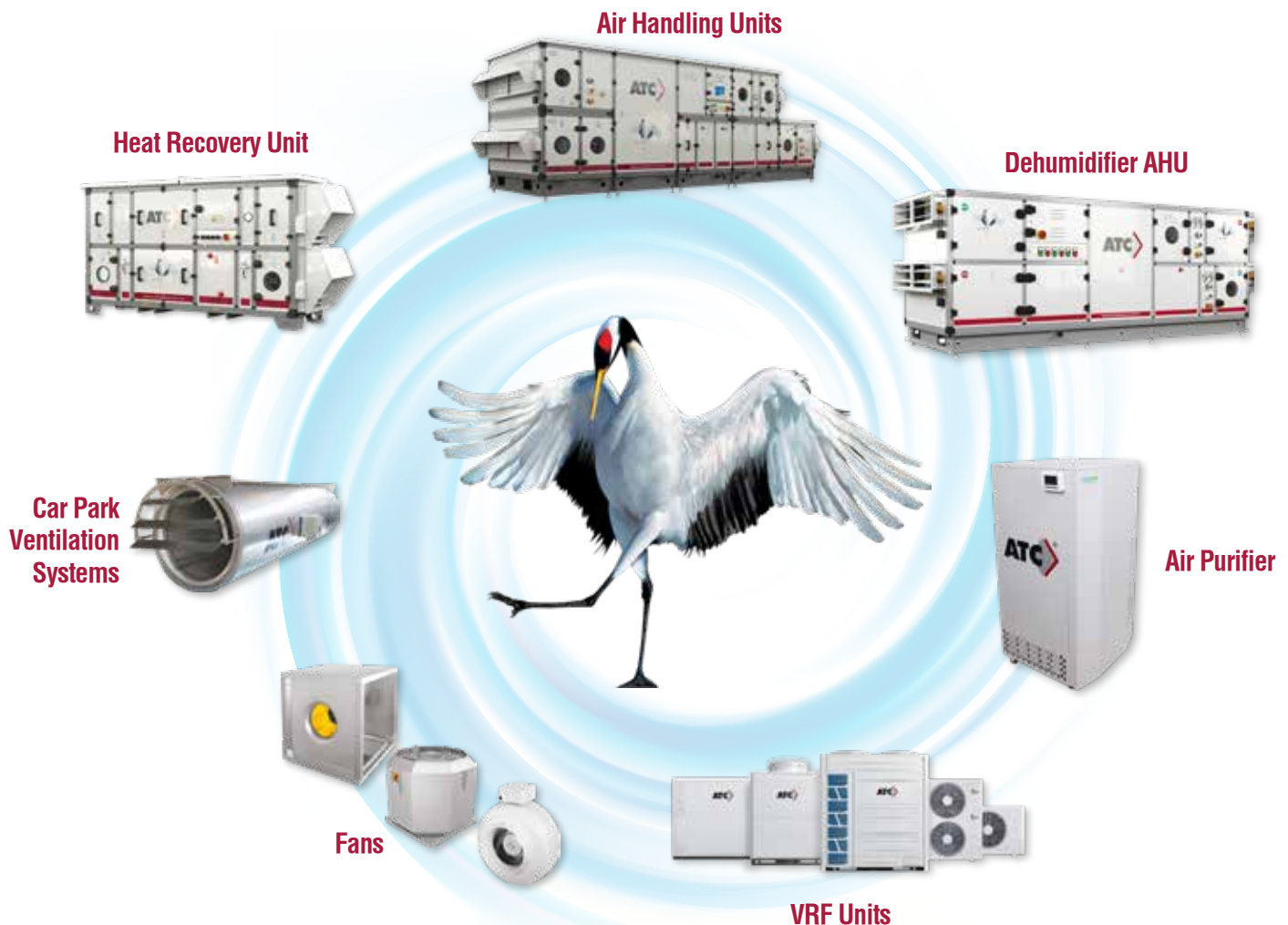
How Uvc Lamps Work

UV-C Germicidal Lamps disinfect harmful microorganisms such as viruses by emitting 254 nanometer light wavelength, which is the most effective wavelength of the ultraviolet light.

UVC exposure inactivates microbial organisms such as bacteria and viruses by altering the structure and the molecular bonds of their DNA. Using the UVC light is the very important factor in warfare with virus and recommended its use where necessary.



ATC Air Trade Centre Your Powerful Integral Partner For Climate Products & HVAC Solutions



ATC Air Trade Centre is an integrated producer of HVAC solutions, developing and manufacturing of energy efficient and high quality air handling units as well as other related products. ATC Air Trade Centre is pleased to use its over 25 years of experience and guarantees the total control of all crucial steps and processes from manufacturing, engineering and technical support, sell and post sales services.



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